

Group 8 Wheels and Tires

GENERAL: This group contains information on the coach wheels and wheel mounting components, including tires.

SPECIFIC: As applicable

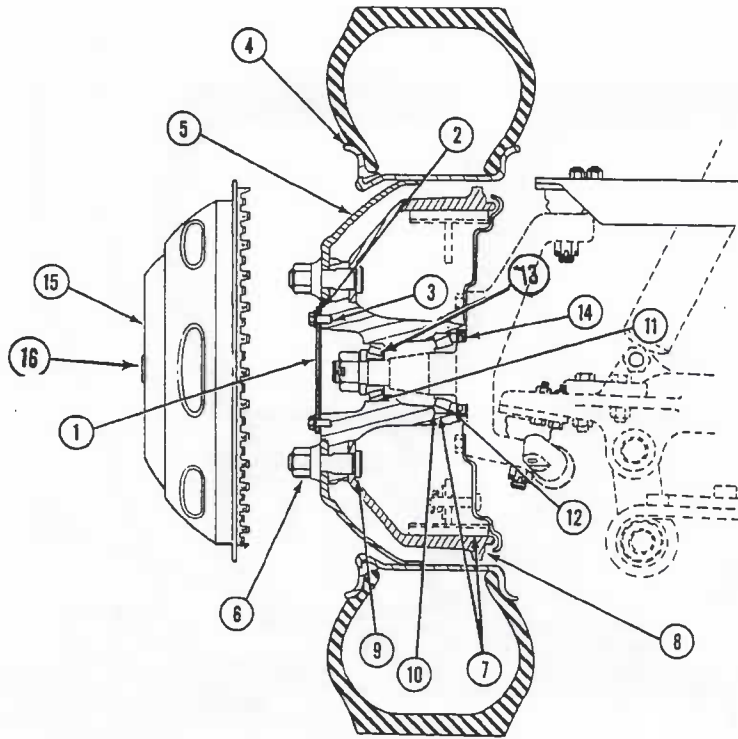
- ...Drive Flanges
- ...Hub Cap
- ...Hubs and Drums
- ...Mud Guards
- ...Spare Tire Carrier
- ...Tires and Tubes
- ...Wheel and Rims
- ...Wheel Bearings
- ...Wheel Covers
- ...Wheel Well Liners



FMC Corporation
Motor Coach Division
333 Brokaw Road Box 664 Santa Clara California 95052

REPAIR PARTS LIST

GROUP 8 Wheels & Tires
MODEL 2900R



SD169

Figure 8-1 Front Wheels

FIG NO.	ITEM NO.	PART NUMBER	ITEM DESCRIPTION	QTY PER UNIT
<u>FRONT WHEELS</u>				
8-1	1	5100787	HUB CAP, Front	2
	2	5100791	GASKET, Front hub cap	2
	3	M18057	SCREW, Hub Cap (1/4 x 20 x 5/8)	12
	3	M17024	WASHER, Hub cap screw, lock (1/4 ID)	12
	4	5100243-02	SIDE RING, Front and rear wheel (GY R5517LW)	6
	5	5100243-01	WHEEL, Front and rear (MWC 85417)	6
8-1	6	5100243-03	NUT, Wheel front and rear (MWC 06605)	20
	7	5100287-501	HUB AND DRUM ASSY, Front wheel	2
	8	5100287-01	DRUM, Front wheel (MWC L-86748R)	1
	9	5107599	STUD, Front wheel (sup 5100287-05)	5
	10	5100287-04	CUP, Front wheel hub, inner (TRB M804010)	1
	11	5100287-03	CUP, Front wheel hub, outer (TRB M86610)	1
8-1	12	5100446-09	CONE ASSY, Front wheel, inner (TRB M804049)	2
	13	5100446-10	CONE ASSY, Front wheel, outer (TRB M86649)	2
	14	5100447-03	SEAL, Front wheel oil (CR 27368)	2
	15	5101789-R001	COVER, Wheel, w/amber reflector (sup 5100672-R001)	2
	16	5101789-R003	REFLECTOR, Wheel cover (amber)	2
		5100103-05	LINER, Wheel well rubber	2
		M25056	RIVET, Liner attaching	20

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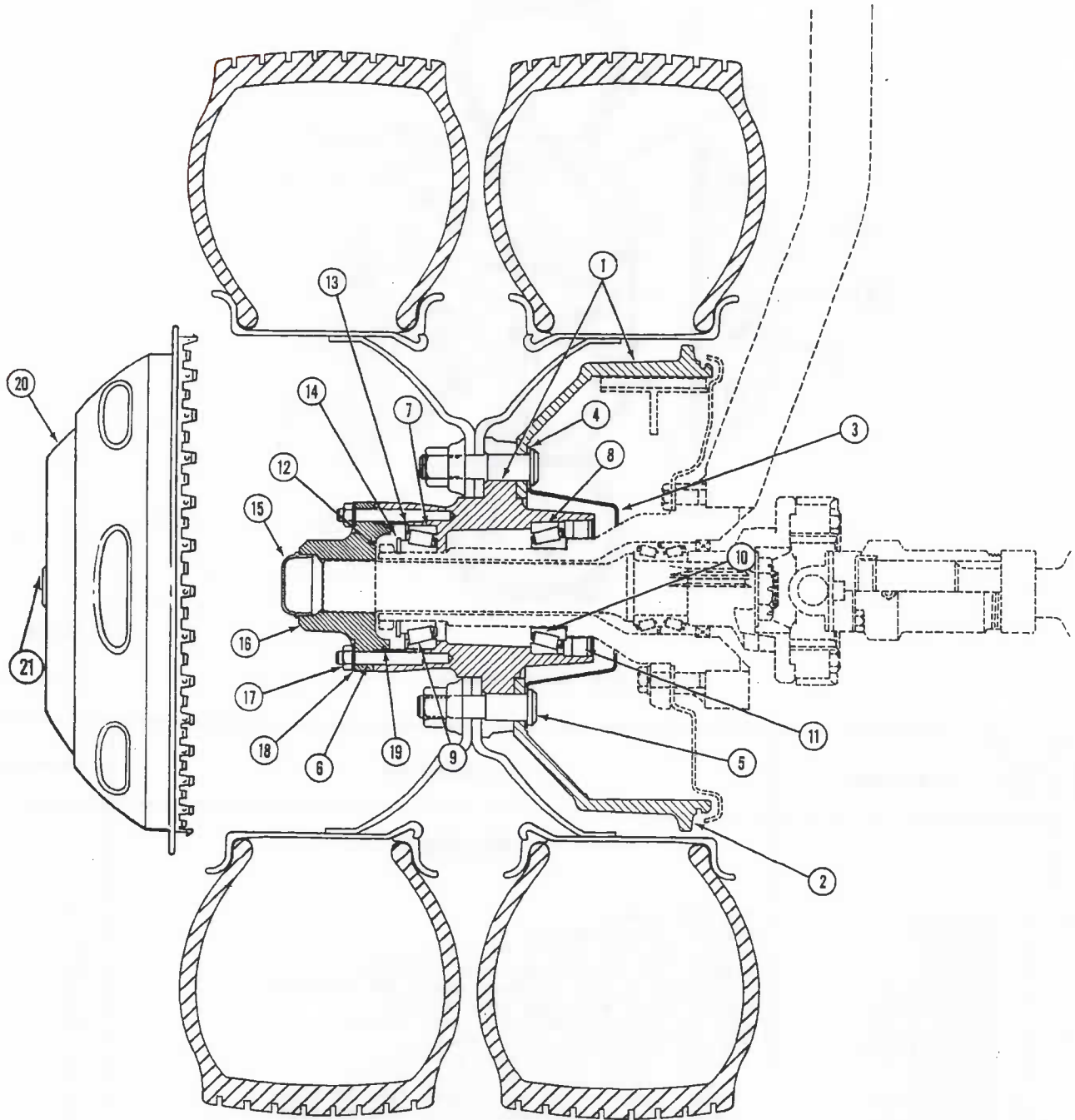


Figure 8-2. Rear Wheels

SD-170

REPAIR PARTS LIST

GROUP 8
MODEL 2900R

FIG NO.	ITEM NO.	PART NUMBER	ITEM DESCRIPTION	QTY PER UNIT
			<u>REAR WHEELS</u>	
8-2	1	5100243-01	WHEEL, Rear (MWC-85417)	4
	2	5100286	HUB AND DRUM ASSY, Rear wheel (MWC L-86747)	2
	3	5100287-01	DRUM, Rear wheel (MWC L-86748R)	1
	4	5100286-R001	OIL SHIELD, Rear wheel drum (MWC 07903)	1
	5	5100286-R002	GASKET, Oil shield (MWC 83101)	1
	6	5100286-R003	STUD, Rear wheel hub (MWC 81614)	5
8-2	7	5100286-R004	STUD, Rear wheel drive (MWC 82467)	8
	8	5100286-R005	CUP, Rear wheel hub, outer (TRB 453-X)	1
	9	5100286-R006	CUP, Rear wheel hub, inner (TRB 3920)	1
	10	5100446-02	CONE ASSY, Rear wheel, outer (TRB 469)	2
	11	5100446-01	CONE ASSY, Rear wheel, inner (TRB 3994)	2
	12	5100447-02	SEAL, Rear wheel oil (CR 31284)	2
8-2	13	5100446-03	NUT, Outer cone adjustment (TRB TN11)	2
	14	5101042	WASHER, Outer cone assy keyed	2
	15	5100446-04	WASHER, Outer cone assy adjustment nut lock (TRB TW111)	2
	16	5100115	HUB CAP, Rear wheel	2
	17	5100059	FLANGE, Rear wheel drive	2
8-2	18	M17011	NUT, Drive flange (7/16 X 20)	16
	19	M17009	WASHER, Drive flange nut lock (7/16 ID)	16
	20	M25039	O-RING, Rear wheel drive flange (PA 2-241N219-7)	2
	21	5101789-R002	COVER, Wheel, w/red reflector (sup 5100672-R002)	2
		5101789-R004	REFLECTOR, Wheel cover (red)	2
		5100103-05	LINER, Wheel well rubber	2
		M25056	RIVET, Liner attaching	20
		5101511-01	FLAP, Rear wheel mud	2
		M25056	RIVET, Mud flap attaching	12
			<u>SPARE WHEEL AND CARRIER</u> <u>(COACH 00646 AND UP)</u>	
		5100243-01	WHEEL, Spare (MWC-85417)	1
		5100243-02	SIDE RING, Spare Wheel (GY-R5517LW)	1
		5106771	COVER, Spare Wheel (White Vinyl w/FMC Logo)	1
		5107153	LANYARD, Spare Wheel Carrier	1
		5107158	SPRING, Spare Wheel Carrier Torsion	1
		5107610	CARRIER, Spare Wheel	1
		M17186	NUT, Spare Wheel Carreer Lock (5/8-11)	1

URGENT

ROUTINE

MANDATORY

INFORMATIONAL

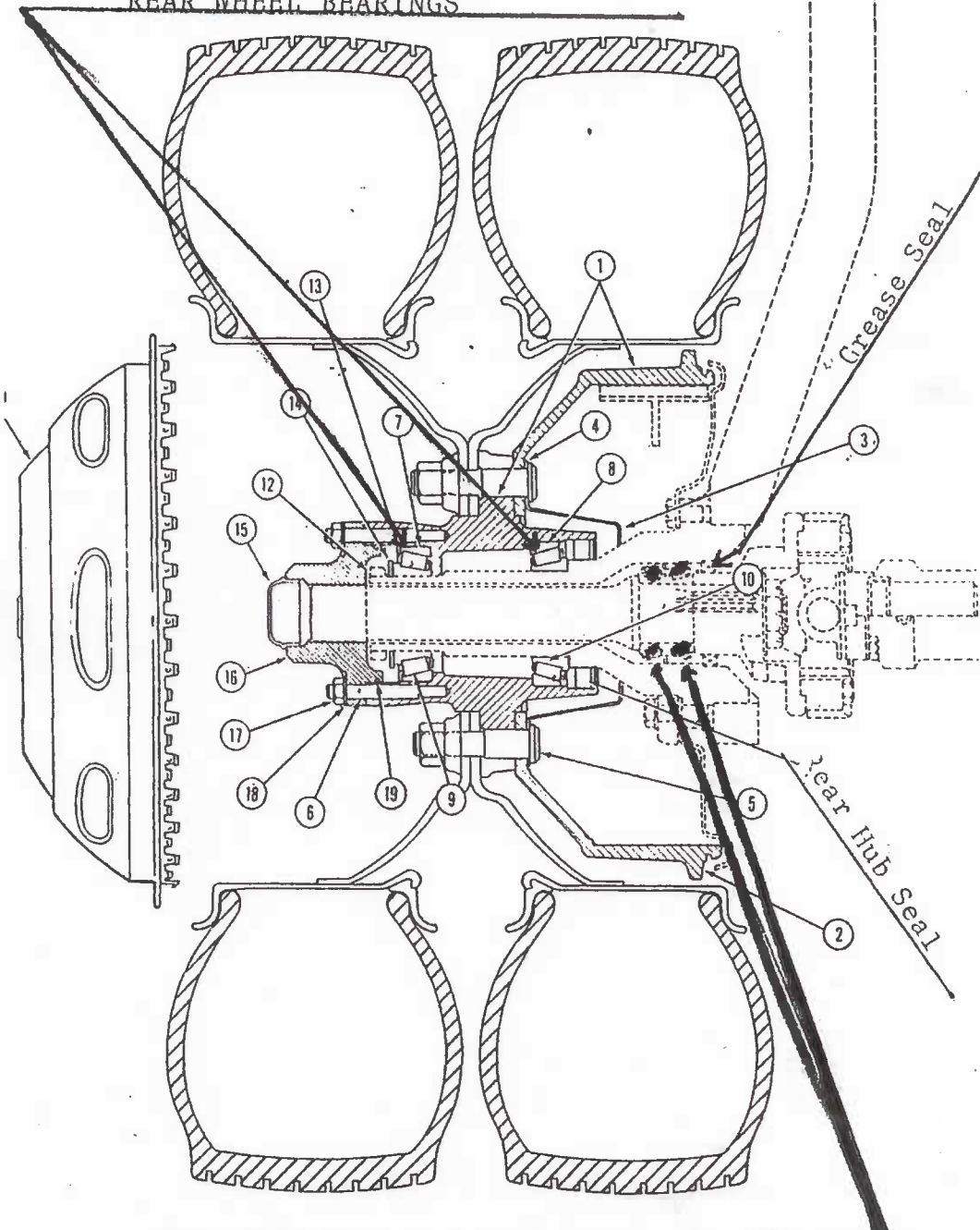
Service Bulletin

DATE 8-14-78

NUMBER _____

ATTENTION: SERVICE MANAGERS AND OWNERS

LUBRICATE AT 12 MONTHS OR 12,000 MILES
REAR WHEEL BEARINGS



DRIVE AXLE BEARINGS

Lubricate at 24 months or 24,000 miles

GROUP

8 and 17

SUBJECT

Lubrication
of Drive Axle
Bearings

Lubrication
of Front and
rear wheel
bearings.

MODEL (S)
AFFECTED